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(54) Title: ADRENERGIC RECEPTOR SNP FOR IMPROVED MILKING CHARACTERISTICS

(57) Abstract: Disclosed herein is a method for screening for the allele associated with a desired SCS phenotype, which comprises: obtaining a DNA sample from a bull to be tested for the desired SCS phenotype; and detecting the presence of an adenine at position 11 in a gene encoding a bovine beta2-adrenoreceptor. Also disclosed is a milking attribute PCR-RFLP kit containing a pair of primers which flank the 11<sup>th</sup> nucleotide position of the bovine beta2-adrenoreceptor gene, and a restriction enzyme specific for the CCCGGG site, which can be SmaI.